

USSN Not yet assigned

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Claim Amendments

1. (Currently amended) Compounds A compound of formula I

in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl, and

R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or in which

- R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which
- R11 is 1-4C-alkyl, halogen, 1-4C-alkoxy, or mono- or di-1-4C-alkylamino,

R12 is 1-4C-alkyl or halogen,

R2 is hydrogen, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

.

- or in which
- R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which
- Het is a fully saturated or partially unsaturated mono- or fused bicyclic ring or ring system made up of a first constituent being a 3- to 7-membered monocyclic fully saturated non-aromatic heterocyclic ring B,
- Which heterocyclic ring B comprises one to three heteroatoms independently selected from the group consisting of nitrogen, oxygen and sulfur,
- and which heterocyclic ring B is optionally substituted by one or two oxo groups,
- and, optionally, fused to said first constituent,

 a second constituent being a benzene ring,

 and which ring Het is optionally substituted by R21 on a
 ring carbon atom,

 and/or which ring Het is optionally substituted by R22

 on a further ring carbon atom,

and/or which ring Het is optionally substituted by an ethylenedioxy group,

and/or which ring Het is optionally substituted by R23 on a ring nitrogen atom,

in which

R21 is 1-4C-alkyl, 1-4C-alkoxy or phenylcarbonyl,

R22 is 1-4C-alkyl or 1-4C-alkoxy,

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R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, mono- or di-1-4C-alkylamino-2-4C-alkyl, phenyl, pyrimidyl, pyridyl, formyl, 3-7C-cycloalkyl, or R231- and/or R232-substituted phenyl, in which

R231 is halogen, cyano or 1-4C-alkyl,

R232 is halogen or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

and in which

R4 is hydrogen, halogen, 1-4C-alkyl or 1-4C-alkoxy,

R5 is 1-4C-alkyl,

A is 1-4C-alkylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

- 2. (Currently amended) Compounds The compound of formula I according to claim 1,
- in which
- R1 is hydrogen or 1-4C-alkyl,
- R2 is hydrogen or 1-4C-alkyl, and

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- R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]] or in which
- R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which
- R11 is 1-4C-alkyl, halogen, 1-4C-alkoxy, or di-1-4C-alkylamino,
- R12 is 1-4C-alkyl or halogen,
- R2 is hydrogen, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or 1-4C-alkyl, and
- R3 is hydrogen, halogen, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy. [[;]]

or in which

, , , , ,

R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which

Het is a fully saturated or partially unsaturated mono- or fused bicyclic ring or ring system made up of a first constituent being a 3- to 7-membered monocyclic fully saturated non-aromatic heterocyclic ring B,

which heterocyclic ring B is piperazine, morpholine, thiomorpholine, homopiperazine, piperidine, pyrrolidine or azetidine,

and which heterocyclic ring B is optionally substituted by one or two oxo groups,

and, optionally, fused to said first constituent,

a second constituent being a benzene ring,

and which ring Het is optionally substituted by R21 on a ring carbon atom,

and/or which ring Het is optionally substituted by R22 on a further ring carbon atom,

and/or which ring Het is optionally substituted by an ethylenedioxy group,

and/or which ring Het is optionally substituted by R23 on a ring nitrogen atom,

in which

R21 is 1-4C-alkyl, 1-4C-alkoxy or phenylcarbonyl,

R22 is 1-4C-alkyl or 1-4C-alkoxy,

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R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, or R231- and/or R232-substituted phenyl, in which

R231 is halogen, cyano or 1-4C-alkyl,

R232 is halogen or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

and in which

R4 is hydrogen, or 1-4C-alkyl,

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

3. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl, and

- R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]] or in which
- R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which
- R11 is 1-4C-alkyl, halogen, 1-4C-alkoxy, or di-1-4C-alkylamino,
- R12 is 1-4C-alkyl or halogen,
- R2 is hydrogen, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or 1-4C-alkyl, and
- R3 is hydrogen, halogen, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]
- or in which
- R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which
- Het is piperidinyl, pyrrolidinyl, [[or]] azetidinyl, [[or]]
 morpholinyl, thiomorpholinyl, S-oxo-thiomorpholinyl,

 [[or]] S,S-dioxo-thiomorpholinyl, [[or]] 1,2,3,4tetrahydroisoquinolinyl, [[or]] di-(1-4C-alkoxy)-

1,2,3,4-tetrahydroisoquinolinyl, [[or]] piperidinyl substituted by either ethylenedioxy or R21, [[or]] 4N-(R23)-piperazinyl, [[or]] 4N-(R23)-homopiperazinyl, [[or]] 4N-(H)-1,4-diazepan-5-one-1-yl or 4N-(R23)-1,4-diazepan-5-one-1-yl, in which

R21 is 1-4C-alkyl, or phenylcarbonyl,

R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, or R231- and/or R232-substituted phenyl, in which

R231 is halogen, cyano or 1-4C-alkyl,

R232 is halogen or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

and in which

R4 is hydrogen, or 1-4C-alkyl,

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

4. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl, and

, , , , ,

R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or in which

R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which

either

R11 is 1-4C-alkyl, 1-4C-alkoxy, or di-1-4C-alkylamino, and R12 is halogen,

or

R11 is halogen, 1-4C-alkoxy, or di-1-4C-alkylamino, and

R2 is hydrogen, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or 1-4C-alkyl, and

R3 is hydrogen, [[;]]

R12 is 1-4C-alkyl,

or in which

- R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which
- Het is piperidinyl, pyrrolidinyl, [[or]] azetidinyl, [[or]] morpholinyl, thiomorpholinyl, S-oxo-thiomorpholinyl, [[or]] 1,2,3,4[[or]] S,S-dioxo-thiomorpholinyl, [[or]] 1,2,3,4tetrahydroisoquinolinyl, [[or]] di-(1-4C-alkoxy)1,2,3,4-tetrahydroisoquinolinyl, [[or]] piperidinyl substituted by either ethylenedioxy or R21, [[or]] 4N(R23)-piperazinyl, [[or]] 4N-(H)-1,4-diazepan-5-one-1-yl,
 4N-(phenyl-1-4C-alkyl)-1,4-diazepan-5-one-1-yl or 4N(1-4C-alkyl)-1,4-diazepan-5-one-1-yl,
 in which
- R21 is 1-4C-alkyl, or phenylcarbonyl,
- R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, or R231- and/or R232-substituted phenyl, in which
- R231 is halogen, cyano or 1-4C-alkyl,
- R232 is halogen or 1-4C-alkyl, and
- R3 is hydrogen, halogen, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

and in which

R4 is hydrogen, or 1-4C-alkyl,

in the second

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

5. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is methyl,

R2 is methyl, and

R3 is methyl, trifluoromethyl, or trifluoromethoxy, [[;]] or in which

R1 is cyclohexyl, cyclobutyl, cyclopropyl, benzyl, 2-hydroxy-ethyl, 2-methoxy-ethyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which

either

R11 is methyl, methoxy, or dimethylamino, and

R12 is fluorine,

or

R11 is fluorine, chlorine, methoxy, or dimethylamino, and

R12 is methyl,

R2 is hydrogen, 2-hydroxy-ethyl, 2-methoxy-ethyl, or methyl, and

R3 is hydrogen, [[;]]

or in which

R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which

Het is piperidinyl, pyrrolidinyl, [[or]] azetidinyl, or morpholinyl, thiomorpholinyl, S-oxo-thiomorpholinyl, [[or]] 1,2,3,4[[or]] S,S-dioxo-thiomorpholinyl, [[or]] 1,2,3,4tetrahydroisoquinolinyl, di-methoxy-1,2,3,4tetrahydroisoquinolinyl, [[or]] di-ethoxy-1,2,3,4tetrahydroisoquinolinyl, [[or]] 4,4-ethylenedioxypiperidinyl, [[or]] 4-(R21)-piperidinyl, [[or]] 4N(R23)-piperazinyl, [[or]] 4N-methyl-homopiperazinyl,
[[or]] 4N-(H)-1,4-diazepan-5-one-1-yl, 4N-benzyl-1,4diazepan-5-one-1-yl, 4N-methyl-1,4-diazepan-5-one-1-yl,
or 4N-ethyl-1,4-diazepan-5-one-1-yl,
in which

R21 is methyl, or phenylcarbonyl,

R23 is methyl, ethyl, benzyl, phenethyl, acetyl, 2-methoxyethyl, phenyl, or R231- and/or R232-substituted phenyl, in which

either

R231 is chlorine, cyano or methyl, and

R232 is chlorine,

or

R231 is chlorine, cyano or methyl, and

R232 is methyl, and

R3 is hydrogen, fluorine, chlorine, methyl, trifluoromethyl, or trifluoromethoxy, [[;]]

and in which

R4 is hydrogen, or methyl,

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

6. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl, and

, , , , ,

R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or

- R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which
- R11 is 1-4C-alkyl, halogen, 1-4C-alkoxy, or mono- or di-1-4C-alkylamino,
- R12 is 1-4C-alkyl or halogen,
- R2 is hydrogen, hydroxy-2-4C-alkyl, 1-4C-alkoxy-2-4C-alkyl or 1-4C-alkyl, and
- R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or

- R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which
- Het is a 3- to 10-membered saturated or partially saturated heterocyclic ring comprising totally 1 to 3 heteroatoms selected from [[a]] the group consisting of oxygen, sulfur and nitrogen, and optionally substituted by R21

on a ring carbon atom and/or by R22 on a further ring carbon atom and/or by R23 on a ring nitrogen atom, in which

R21 is 1-4C-alkyl, 1-4C-alkoxy or phenylcarbonyl,

R22 is 1-4C-alkyl or 1-4C-alkoxy,

R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, mono- or di-1-4C-alkylamino-2-4C-alkyl, phenyl, pyrimidyl, pyridyl, formyl, 3-7C-cycloalkyl, 3-7C-cycloalkylmethyl, or R231- and/or R232-substituted phenyl, in which

R231 is halogen, cyano or 1-4C-alkyl,

R232 is halogen or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

R4 is hydrogen, halogen, 1-4C-alkyl or 1-4C-alkoxy,

R5 is 1-4C-alkyl,

A is 1-4C-alkylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

7. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is hydrogen or 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl, and

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R3 is 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or

R1 is 3-7C-cycloalkyl, phenyl-1-4C-alkyl, hydroxy-2-4C-alkyl, phenyl, pyridyl, or R11-and/or R12-substituted phenyl, in which

either

R11 is 1-4C-alkyl, 1-4C-alkoxy, or mono- or di-1-4C-alkylamino, and

R12 is halogen,

or

R11 is halogen, 1-4C-alkoxy, or mono- or di-1-4C-alkylamino, and

R12 is 1-4C-alkyl,

R2 is hydrogen, hydroxy-2-4C-alkyl or 1-4C-alkyl, and

R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

or

R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which

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- Het is optionally substituted by R21 on a ring carbon atom and/or by R22 on a further ring carbon atom and/or by R23 on a ring nitrogen atom and is azetidin-1-yl, pyrrolidin-1-yl, piperazin-1-yl, thiomorpholin-4-yl, homopiperidin-1-yl, homopiperazin-1-yl, indolin-1-yl, isoindolin-1-yl, 1,2,3,4-tetrahydroquinolin-2-yl, piperidin-1-yl, morpholin-4-yl, 1,2,3,4-tetrahydroisoquinolin-1-yl, 1,4-diazepan-5-one-1-yl, or 1,4-dioxa-8-azaspiro[4.5]decan-8-yl, in which
- R21 is 1-4C-alkyl, 1-4C-alkoxy or phenylcarbonyl,
- R22 is 1-4C-alkoxy,
- R23 is 1-4C-alkyl, phenyl-1-4C-alkyl, 1-4C-alkylcarbonyl, 1-4C-alkoxy-2-4C-alkyl, phenyl, or R231- and/or R232-substituted phenyl, in which
- R231 is halogen, cyano or 1-4C-alkyl,
- R232 is halogen or 1-4C-alkyl, and
- R3 is hydrogen, halogen, 1-4C-alkoxy, 1-4C-alkyl, trifluoromethyl, or completely or predominantly fluorine-substituted 1-4C-alkoxy, [[;]]

R4 is hydrogen,

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

8. (Currently amended) Compounds The compound of formula I according to claim 1,

in which

R1 is methyl,

R2 is methyl, and

R3 is methyl, trifluoromethyl or trifluoromethoxy, [[;]]

R1 is cyclohexyl, benzyl, 2-hydroxyethyl, phenyl, pyridyl, or R11- and/or R12-substituted phenyl, in which

R11 is methyl, methoxy or dimethylamino, and

R12 is chlorine or fluorine,

or

or

either

R11 is chlorine, fluorine, methoxy or dimethylamino, and

R12 is methyl,

R2 is hydrogen or methyl,

or R1 and R2 are both 2-hydroxyethyl, and R3 is hydrogen, [[;]]

or

R1 and R2 together and with inclusion of the nitrogen atom, to which they are bonded, form a heterocyclic ring Het, in which

Het is piperidin-1-yl, or piperidin-1-yl substituted by

R21 is methyl or phenylcarbonyl,

or

Het is 1,2,3,4-tetrahydroisoquinolin-2-yl substituted by R21 and R22, in which

R21 is methoxy,

R21, in which

R22 is methoxy,

or

Het is piperazin-1-yl substituted by R23 on 4-N, in which

R23 is methyl, ethyl, benzyl, phenethyl, acetyl, 2-methoxyethyl, phenyl, or R231- and/or R232-substituted phenyl, in which

R231 is chlorine, cyano or methyl,

R232 is chlorine or methyl,

or

Het is 1,4-diazepan-5-one-1-yl, or 1,4-diazepan-5-one-1-yl substituted by R23 on 4-N, in which

R23 is methyl, ethyl or benzyl,

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or

Het is homopiperazin-1-yl substituted by R23 on 4-N, in which

R23 is methyl,

or

Het is morpholin-4-yl, azetidin-1-yl, pyrrolidin-1-yl, or 1,4-dioxa-8-azaspiro[4.5]decan-8-yl, and

R3 is hydrogen, fluorine, chlorine, methyl, trifluoromethyl or trifluoromethoxy, [[;]]

R4 is hydrogen,

R5 is methyl,

A is ethylene, [[;]]

the salts, N-oxides and the salts of the N-oxides of these compounds or a salt, N-oxide or a salt of an N-oxide thereof.

9. (Currently amended) [[A]] The compound of formula I according to claim 1 which is selected from the group consisting of

- 1. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4methylpiperazin-1-yl-sulfonyl)-phenyl]-3H-imidazo-[4,5b]pyridine
- 2. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4benzylpiperazin-1-yl-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine

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- 3. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4-phenylpiperazin-1-yl-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 4. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-{4-[4-(4-cyanophenyl)-piperazin-1-yl-sulfonyl]-phenyl}-3H-imidazo- [4,5-b]pyridine
- 5. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4-p-tolyl-piperazin-1-yl-sulfonyl)-phenyl]-3H-imidazo-[4,5-b]pyridine
- 6. 6-{4-[4-(2,4-Dimethylphenyl)-piperazin-1-yl-sulfonyl]-phenyl}-2- [2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine
- 7. 6-{4-[4-(3,5-Dichlorphenyl)-piperazin-1-yl-sulfonyl]-phenyl}-2-[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine

8. 6-{4-[4-(2-Methoxy-ethyl)-piperazin-1-yl-sulfonyl]-phenyl}-2-[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine

- 9. 6-[4-(4-Acetyl-piperazin-1-yl-sulfonyl)-phenyl]-2[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine
- 10. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(morpholin-4-yl-sulfonyl)-phenyl]-3H-imidazo-[4,5-b]pyridine
- 11. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4-methyl[1,4]diazepan-1-yl-sulfonyl)-phenyl]-3H-imidazo-[4,5b]pyridine
- 12. 2-[2-(4-Methoxypyridin-2-yl)ethyl]-6-[4-(4-methyl-piperidin-1-yl-sulfonyl)-phenyl]-3H-imidazo-[4,5-b]pyridine
- 13. 6-[4-(4-Benzoyl-piperidin-1-yl-sulfonyl)-phenyl]-2[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5b]pyridine
- 14. 6-[4-(1,4-dioxa-8-azaspiro[4.5]decan-8-yl-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine
- 15. 6-[4-(6,7-Dimethoxy-1,2,3,4-tetrahydroisoquinolin-2-yl-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine

- 16. 6-[4-(1,4-Diazepan-5-one-1-yl-sulfonyl)-phenyl]2-[2-(4-methoxy-pyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridine
- 17. N-(2-Hydroxyethyl)-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 18. N, N-Bis-(2-hydroxyethyl)-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 19. N-Benzyl-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 20. N-Cyclohexyl-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 21. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N,N-dimethyl-2-trifluormethoxy-benzenesulfonamide
- 22. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N,N-dimethyl-2-trifluormethyl-benzenesulfonamide
- 23. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N,N-dimethyl-3-methyl-benzenesulfonamide

- 24. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-phenyl-benzenesulfonamide
- 25. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-p-tolyl-benzenesulfonamide
- 26. 4-{2-[2-(4-Methoxypyridin-2-yl)ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-(2-methoxyphenyl)-benzenesulfonamide
- 27. N-(4-Dimethylamino-phenyl)-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 28. N-(4-Chlorphenyl)-N-methyl-4-{2-[2-(4-methoxypyridin-2-yl)ethyl]-3H-imidazo-[4,5-b]pyridin-6-yl}benzenesulfonamid
- 29. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(4-phenethyl-piperazine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 30. 6-[4-(4-Ethyl-piperazine-1-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine
- 31. 6-{4-[4-(2,6-Dimethyl-phenyl)-piperazine-1-sulfonyl]-phenyl}-2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine
- 32. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(4-o-tolyl-piperazine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 33. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[3-(4-methyl-piperazine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine

- 34. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(piperidine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 35. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-phenyl-benzenesulfonamide
- 36. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(4-methyl-piperazine-1-sulfonyl)-3-trifluoromethoxy-phenyl]-3H-imidazo[4,5-b]pyridine
- 37. 6,7-Diethoxy-2-(4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzenesulfonyl)-1,2,3,4-tetrahydro-isoquinoline
- 38. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(4-methyl-piperazine-1-sulfonyl)-3-trifluoromethyl-phenyl]-3H-imidazo[4,5-b]pyridine
- 39. 6-[3-Fluoro-4-(4-methyl-piperazine-1-sulfonyl)-phenyl]2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine
- 40. 6-[3-Chloro-4-(4-methyl-piperazine-1-sulfonyl)-phenyl]2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine
- 41. 6-[2-Fluoro-4-(4-methyl-piperazine-1-sulfonyl)-phenyl]2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine

- 42. 4-Benzyl-1-(4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzenesulfonyl)[1,4]diazepan-5-one
- 43. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-N-phenyl-benzenesulfonamide
- 44. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[2-methyl-4-(4-methyl-piperazine-1-sulfonyl)-phenyl]
 3H-imidazo[4,5-b]pyridine
- 45. 1-(4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzenesulfonyl)-4-methyl-[1,4]diazepan-5-one
- 46. 4-Ethyl-1-(4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzenesulfonyl)[1,4]diazepan-5-one
- 47. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-o-tolyl-benzenesulfonamide
- 48. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-N-pyridin-4-yl-benzenesulfonamide
- 49. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-N-p-tolyl-benzenesulfonamide

50. N-(4-Dimethylamino-phenyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-benzenesulfonamide

- 51. N-(2-Fluoro-4-methyl-phenyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}benzenesulfonamide
- 52. N-(4-Methoxy-phenyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzenesulfonamide
- 53. N-(4-Methoxy-phenyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-benzenesulfonamide
- 54. 4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-N-methyl-N-o-tolyl-benzenesulfonamide
- 55. N-(4-Chloro-phenyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}benzenesulfonamide
- 56. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(pyrrolidine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 57. 6-[4-(Azetidine-1-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine
- 58. N, N-Bis-(2-methoxy-ethyl)-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}benzenesulfonamide

- 59. N-Cyclobutyl-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzene-sulfonamide
- 60. N-Cyclopropyl-4-{2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridin-6-yl}-benzene-sulfonamide
- 61. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-7-methyl-6-[4-(pyrrolidine-1-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 62. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-7-methyl-6-[4-(piperidine-1-sulfonyl)-phenyl]-3Himidazo[4,5-b]pyridine
- 63. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-7-methyl-6-[4-(morpholine-4-sulfonyl)-phenyl]-3H-imidazo[4,5-b]pyridine
- 64. 6-[4-(Azetidine-1-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-7-methyl-3H-imidazo-[4,5-b]pyridine
- 65. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(thiomorpholine-4-sulfonyl)-phenyl]
 3H-imidazo[4,5-b]pyridine
- 66. 2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-6-[4-(1-oxo-11(4)-thiomorpholine-4-sulfonyl)-phenyl]
 3H-imidazo[4,5-b]pyridine

- 67. 6-[4-(1,1-Dioxo-11(6)-thiomorpholine-4-sulfonyl)-phenyl]-2-[2-(4-methoxy-pyridin-2-yl)-ethyl]-3H-imidazo[4,5-b]pyridine [[and]]
- 68. 2-(4-{2-[2-(4-Methoxy-pyridin-2-yl)-ethyl]-3-Himidazo[4,5-b]pyridin-6-yl}-benzenesulfonyl)-1,2,3,4tetrahydro-isoquinoline,

and the salts, N-oxides and the salts of the N-oxides
thereof or a salt, N-oxide or salt of a N-oxide thereof.

- 10. (Canceled)
- 11. (Currently amended) Pharmaceutical compositions A pharmaceutical composition containing one or more compounds of formula I according to claim 1, or a salt, N-oxide or a salt of an N-oxide thereof, together with the usual pharmaceutical auxiliaries and/or excipients a pharmaceutically suitable auxiliary and/or excipient.
- **12.- 13.** (Canceled)
- 14. (Currently amended) A method for treating <u>an</u> acute inflammatory <u>disease</u> diseases in a patient comprising administering to said patient a therapeutically effective

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amount of a compound of formula I according to claim 1, or a salt, N-oxide or a salt of an N-oxide thereof.

15. (Currently amended) A method for treating <u>a</u> chronic inflammatory <u>disease</u> diseases of peripheral organs and the <u>central nervous system (CNS)</u> in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula I according to claim 1, or a pharmaceutically acceptable salt, N-oxide or a salt of an N-oxide thereof.